MONTANA STATE LIBRARY
3 0864 0014 1493 0

MONTANA OIL AND GAS
STATISTICAL BULLETIN

BOARD OF OIL AND GAS CONSERVATION

1625 ELEVENTH AVENUE
HELENA, MONTANA 59620-1601

ADMINISTRATORS

THOMAS P. RICHMOND, Admin. & Petroleum Engineer
2535 ST. JOHNS AVENUE
BILLINGS, MONTANA 59102

JAMES W. HALVORSON, Geologist
2535 ST. JOHNS AVENUE
BILLINGS, MONTANA 59102

GEORGE HUDAK, UIC Coordinator
2535 ST JOHNS AVENUE
BILLINGS, MONTANA 59102

TERRI PERRIGO, Exec. Secretary
1625 ELEVENTH AVENUE
HELENA, MONTANA 59620

DONALD A. GARRITY, Attorney
1925 HIGHLAND STREET
HELENA, MONTANA 59601

BOARD MEMBERS

David Ballard, Chairman
Billings, Montana

Denzil R. Young, Vice Chairman
Baker, Montana

Warren H. Ross
Chinook, Montana

Dean A. Swanson
Polson, Montana

Stanley Lund
Reserve, Montana

George Galuska
Billings, Montana

Allen Kolstad
Chester, Montana

PLEASE RETURN

STATE DOCUMENTS COLLECTION

MONTANA STATE LIBRARY
1515 E. 6th AVE.
HELENA, MONTANA 59620

VOL. XLV, NO. 3 THIRD QUARTER 1997

QUARTERLY ACTIVITY SUMMARY
July through September 1997

	July	August	September
Oil Produced (3rd quarter 1997)	1,379,671	1,366,455	1,326,213
Oil Produced (same months, 1996)	1,383,683	1,393,006	1,353,375
Oil Shipped from Leases	1,397,615	1,362,579	1,338,535
Average Daily Oil Production	44,506	44,079	44,207
Water Produced (Barrels)	8,610,806	8,684,763	8,227,420
Associated Gas Produced (3rd quarter 1997)	600,555	610,464	584,922
Associated Gas Produced (same months, 1996)	559,585	564,536	562,365
Natural Gas Produced (2rd quarter 1997)	3,597,255	3,704,313	3,731,252
Natural Gas Produced (same months, 1996)	3,090,387	3,533,352	3,659,493
Drilling Permits Issued	47	38	37
Wells Completed	12	30	31
Oil Wells	7	11	5
Gas Wells	0	9	18
Dry Holes	4	9	8
Other	1	1	0
Barrels of Oil Refined	5,143,859	4,934,925	4,741,690
Oil Refined (daily average)	165,931	159,191	158,056

OIL PRODUCERS REPORT
THIRD QUARTER 1997

Field	Formation	Number of Wells	Oil Produced (Bbls)	Oil Shipped (Bbls)	Assoc. Gas Produced (MCF)	Water Produced (Bbls)
Alkali Coulee	Red River	1	5,113	5,353	4,923	29,467
Anvil	Nisku	2	10,792	11,146	7,474	34,786
Anvil	Ratcliffe	3	1,966	2,065	2,237	6,916
Anvil	Red River	6	18,098	18,398	18,575	57,763
Ash Creek Sand Unit	Shannon	3	961	1,013	0	13,656
Ator Creek	Red River	1	1,370	1,192	0	1,815
Bainville	Ratcliffe	1	1,321	1,306	79	1,488
Bainville	Red River	2	5,271	5,115	4,368	5,922
Bainville	Winnipegosis	1	1,042	1,211	405	4,155
Bainville (Ratcliffe/Mission Canyon)	Ratcliffe	1	1,907	1,870	920	2,410
Bainville II	Ratcliffe	1	584	821	232	871
Bainville II	Red River	2	5,848	6,005	5,183	3,509
Bainville, North	Interlake	1	41	235	0	0
Bainville, North	Mission Canyon	2	3,175	3,302	1,461	2,740
Bainville, North	Nisku	3	11,435	11,399	7,591	348
Bainville, North	Ratcliffe	2	4,176	4,264	3,321	5,036
Bainville, North	Red River	7	90,679	90,995	93,385	4,643
Bainville, North	Winnipegosis	4	24,723	24,996	19,885	4,372
Bainville, West	Red River	1	1,152	1,001	1,202	1,574
Bannatyne	Madison	6	460	310	0	102
Bannatyne	Swift	17	1,436	1,191	0	51
Beanblossom	Lower Tyler	1	4,086	3,842	511	27,599
Bears Den	Swift	2	95	302	0	0
Bears Den Unit	Swift	5	7,609	7,682	0	6,317
Bell Creek (Consolidated Unit)	Muddy	41	37,450	36,466	0	687,433
Bell Creek (South Bell Creek Unit)	Muddy	6	3,624	3,623	0	14,087
Benrud, East	Nisku	1	5,781	5,857	1,374	99,425
Berthelote	Sunburst	1	117	200	0	0
Big Gully	Tyler	1	239	0	0	0
Big Wall	Amsden	3	2,457	2,459	0	378,810
Big Wall (Lower Tyler Sand Unit)	Tyler	4	6,919	6,918	0	549,419
Big Wall (Upper Tyler Sand Unit)	Tyler	4	2,562	2,561	0	264,144
Blackfoot Unit	Cut Bank, Madison	8	5,236	5,183	0	38,163
Bloomfield	Dawson Bay	1	980	917	551	531
Bloomfield	Interlake	1	1,895	1,797	1,678	2,614
Bloomfield	Red River	1	2,213	2,301	0	928
Blue Hill	Red River	1	8,351	8,494	6,543	791
Blue Mountain	Red River	1	4,395	4,265	0	230
Border	Cut Bank	2	540	548	0	0
Border (Old Border Unit)	Cut Bank	7	973	857	0	8,911
Bowes (Bowes Sawtooth Unit)	Sawtooth	45	23,341	23,233	0	135,814
Bradley	Sunburst	2	189	206	0	0
Brady	Burwash	1	177	177	0	0
Brady	Sunburst	6	1,062	1,064	0	0
Breed Creek Unit	Tyler	11	44,852	45,127	1,626	167,955
Brorson	Interlake	1	5,927	6,105	4,613	18,237
Brorson	Madison	4	4,821	5,014	3,867	5,346
Brorson	Mission Canyon	3	5,445	5,868	4,811	3,098
Brorson	Ratcliffe	1	464	622	232	401
Brorson	Red River	4	17,665	18,090	17,514	26,611
Brorson, South	Bakken	1	1,392	1,349	1,202	0
Brorson, South	Madison	1	3,152	2,790	2,309	866
Brorson, South	Mission Canyon	4	8,025	7,561	5,600	4,226
Brush Lake	Red River	4	30,475	30,614	26,634	12,152
Brush Lake	Stonewall	1	2,946	2,418	0	367
Burget, East	Madison	1	1,073	890	0	3,515
Burget, East	Mission Canyon	1	1,291	1,399	0	710
Burget, East	Ratcliffe	1	1,043	995	0	2,462
Cabaret Coulee	Madison	1	557	431	50	0
Cabin Creek	Madison	2	9,356	9,356	1,633	366,000
Cabin Creek	Red River	7	6,918	6,589	0	120,083
Cabin Creek (Unit #1)	Red River	1	422	408	80	2,697
Cabin Creek (Unit #1)	Silurian-Ordovician	91	272,303	271,557	96,821	1,366,019
Cabin Creek (Unit #2)	Madison	5	3,162	3,162	2,453	413,044
Canal	Madison	1	1,728	1,542	1,020	1,619
Canal	Mission Canyon	1	1,002	987	1,669	3,968
Canal	Ratcliffe	1	624	615	0	1,824
Canal	Red River	1	2,452	2,480	1,597	1,866
Canal	Unknown	1	1,336	1,318	0	3,993

OIL PRODUCERS REPORT
THIRD QUARTER 1997

Field	Formation	Number of Wells	Oil Produced (Bbls)	Oil Shipped (Bbls)	Assoc. Gas Produced (MCF)	Water Produced (Bbls)
Cat Creek, East Dome (Unit)	Ellis	5	750	750	0	3,000
Cat Creek, Mosby Dome	Amsden	1	336	416	0	465
Cat Creek, Mosby Dome (Unit)	Ellis	4	900	900	0	45,000
Cat Creek, West Dome	Morrison	3	920	825	0	55,710
Cat Creek, West Dome (Unit #1)	Cat Creek 1 & 2	18	3,800	3,800	0	360,000
Cat Creek, West Dome (Unit #2)	Cat Creek 1 & 2	8	900	900	0	120,000
Cattails	Ratcliffe	7	12,767	13,872	11,383	13,130
Cattails, South	Madison	2	1,496	1,315	1,840	3,914
Cattails, South	Ratcliffe	1	1,656	1,947	0	2,416
Charlie Creek	Dawson Bay	1	3,632	3,862	2,627	2,113
Charlie Creek, East	Red River	3	8,436	7,657	5,047	11,182
Chelsea Creek	Nisku	1	1,198	1,249	247	24,899
Clark's Fork	Greybull	0	135	179	0	0
Clear Lake	Mission Canyon	2	2,891	2,792	603	14,085
Clear Lake	Nisku	2	3,425	3,379	1,971	10,067
Clear Lake	Ratcliffe	3	3,820	3,431	393	33,491
Clear Lake	Red River	6	19,679	19,667	9,810	40,053
Clear Lake, South	Red River	1	1,311	1,220	392	3,203
Colored Canyon	Red River	2	8,329	8,462	5,159	20,964
Comertown	Nisku	1	940	1,146	546	9,985
Comertown	Ratcliffe	1	1,024	1,189	540	6,309
Comertown	Red River	4	13,613	13,980	5,037	16,895
Comertown, South	Red River	1	4,133	4,220	1,260	11,830
Cottonwood	Ratcliffe	2	7,038	6,859	2,253	3,475
Cottonwood, East	Ratcliffe	1	2,124	2,238	405	992
Cow Creek, East	Kibbey	4	3,657	3,693	0	57,235
Crane	Devonian	1	3,160	3,173	3,026	1,338
Crane	Duperow	1	1,603	1,628	1,152	1,110
Crane	Red River	1	5,230	5,270	3,014	57,875
Crane	Red River, Interlake	1	2,971	2,953	1,899	69,522
Cupton	Red River	4	10,797	10,364	7,033	17,056
Cut Bank	Cut Bank	87	19,927	19,348	4,671	55,292
Cut Bank	Cut Bank, Madison	2	614	657	0	8,060
Cut Bank	Lander	1	32	20	0	58
Cut Bank	Madison	38	20,577	21,120	6,485	241,116
Cut Bank	Moulton	13	4,312	3,856	0	42
Cut Bank	Moulton, Sunburst	1	29	0	0	0
Cut Bank	Sunburst	8	365	360	0	78
Cut Bank (North Central Sand Unit)	Cut Bank	64	10,944	8,873	0	1,474
Cut Bank (North East Sand Unit)	Cut Bank	29	5,023	5,037	0	0
Cut Bank (North West Sand Unit)	Cut Bank	1	436	593	0	169
Cut Bank (South Central Sand Unit)	Cut Bank	53	22,865	23,154	0	51,665
Cut Bank (South Darling Sand Unit)	Moulton	2	107	0	0	0
Cut Bank (South West Sand Unit)	Cut Bank	104	27,266	27,153	0	477,842
Cut Bank (Tesoro Sand Unit)	Cut Bank	16	5,574	5,594	0	22,419
Cut Bank (Tweedy South Sand Unit)	Cut Bank	2	555	606	0	1,653
Dagmar	Red River	2	3,108	3,023	3,005	6,251
Deer Creek	Charles	1	872	984	0	1,190
Deer Creek	Charles C	4	27,977	27,187	0	50,946
Deer Creek	Tyler	1	220	205	28,421	49
Delphia	Amsden	2	506	550	0	0
Den	McGowan	1	1,699	1,584	0	5,837
Den	Ratcliffe	1	1,046	900	0	5,902
Devils Basin	Heath	2	186	349	0	561
Devils Basin	Tyler	1	51	0	0	855
Diamond Point	Interlake	1	3,204	3,231	2,697	29,316
Diamond Point	Red River	1	2,857	2,798	3,028	16,021
Divide	Madison	3	1,222	1,621	1,666	13,134
Divide	Mission Canyon	1	510	344	736	8,280
Divide	Ratcliffe	6	9,982	10,382	2,994	27,895
Divide	Red River	4	13,136	13,047	11,392	76,387
Dooley	Ratcliffe	3	3,656	3,423	1,037	33,219
Dry Creek	Frontier	2	25	0	0	0
Dry Creek	Greybull	1	196	229	0	0
Dry Creek	Judith River	0	27	0	0	35
Dry Creek	Virgelle	1	169	0	0	0
Dry Creek, West	Greybull	1	65	0	0	0
Dutch John Coulee	Sunburst	4	1,728	1,880	0	0
Dwyer	Nisku, Duperow	1	164	99	132	90

OIL PRODUCERS REPORT
THIRD QUARTER 1997

Field	Formation	Number of Wells	Oil Produced (Bbls)	Oil Shipped (Bbls)	Assoc. Gas Produced (MCF)	Water Produced (Bbls)
Dwyer	Ratcliffe	1	764	690	0	16,924
Dwyer	Red River	3	10,670	11,010	3,612	40,874
Dwyer	Red River, Nisku	1	993	602	968	4,200
Dwyer (Dwyer Unit)	Charles	5	7,802	8,383	1,886	26,721
Eagle	Duperow	1	578	654	0	6,644
Eagle	Madison	3	2,812	2,892	1,921	9,385
Eagle	Mission Canyon	2	2,091	2,064	455	10,417
Eagle	Ratcliffe	2	1,472	1,536	725	13,336
East Glacier	Green Horn	1	114	0	0	0
Elk Basin (Embar-Tensleep)	Embar, Tensleep	19	56,719	56,715	66,393	23,456
Elk Basin (Frontier Unit)	Frontier	11	3,249	3,249	227	862
Elk Basin (Madison Unit)	Madison	15	52,371	52,371	20,901	491,215
Elk Basin, Northwest	Cloverly	2	159	159	1,473	862
Elk Basin, Northwest	Frontier	1	0	0	3,141	0
Elk Basin, Northwest (Northwest Madison Unit)	Madison	4	15,235	15,235	8,220	58,670
Enid, North	Red River	1	2,849	2,887	5,503	11,236
Epworth	Bakken	1	3,192	2,817	780	840
Fairview	Madison	1	1,217	1,297	905	718
Fairview	Mission Canyon	2	1,457	1,531	154	4,126
Fairview	Ratcliffe	3	2,481	2,606	1,700	2,413
Fairview	Red River	5	11,305	11,633	9,663	21,636
Fairview (North West Unit)	Red River	4	11,606	12,721	30,677	7,482
Fairview, East	Ratcliffe	1	1,597	1,671	430	2,624
Fairview, East	Winnipegosis	1	2,562	2,605	2,113	23,787
Fairview, West	Madison	2	2,862	3,131	0	6,019
Fairview, West	Ratcliffe	3	5,535	5,630	0	7,717
Fishhook	Madison	1	726	670	0	9,124
Fishhook	Red River	2	3,570	3,750	1,937	13,474
Flat Coulee	Swift	5	1,212	1,607	0	0
Flat Coulee (Swift Sand Unit)	Swift	10	13,852	13,891	1,385	83,995
Flat Lake	Madison	1	538	684	0	2,750
Flat Lake	Nisku	4	54,376	53,236	30,674	34,283
Flat Lake	Ratcliffe	9	31,463	31,336	3,430	162,836
Flat Lake	Red River	1	9,829	10,005	17,571	19,607
Flat Lake (East Flat Lake Unit)	Ratcliffe	13	14,393	14,432	8,596	118,587
Flat Lake (West Flat Lake Unit)	Ratcliffe	7	11,509	11,707	3,062	87,750
Flat Lake, East	Madison	1	2,691	2,871	0	6,066
Flat Lake, South	Ratcliffe	3	1,742	2,003	355	22,386
Fort Gilbert	Madison	3	2,425	2,590	717	6,091
Fort Gilbert	Mission Canyon	1	1,519	1,334	972	3,378
Fort Gilbert	Red River	3	5,113	5,179	8,409	10,855
Four Mile Creek	Red River	1	1,819	1,728	992	2,775
Four Mile Creek, West	Red River	1	5,869	6,243	3,751	2,127
Fred & George Creek	Sunburst	1	223	0	0	0
Fred & George Creek (Sunburst "A" Unit)	Sunburst	4	5,406	5,525	0	111,718
Fred & George Creek (Sunburst "B" Unit)	Sunburst	4	742	564	0	49
Fred & George Creek (N Sunburst "B" Unit)	Sunburst	2	281	361	0	0
Fred & George Creek (S E Sunburst "B" Unit)	Sunburst	1	984	1,008	18	0
Fred & George Creek (S W Sunburst "B" Unit)	Sunburst	3	297	194	0	0
Frog Coulee	Red River	1	3,128	3,086	1,128	4,055
Froid, South	Red River	1	2,324	2,346	3,036	8,590
Froid, South	Winnipegosis	1	7,002	7,072	3,036	7,996
Gage	Amsden	2	386	849	0	152
Gas City	Red River	1	572	559	0	903
Gas City (Gas City Waterflood)	Madison	2	1,042	1,041	0	11,552
Gas City (Gas City Waterflood)	Madison, Ordovician	1	1,765	1,765	0	13,363
Gas City (Gas City Waterflood)	Red River	1	438	437	0	4,376
Gas City (Gas City Waterflood)	Silurian-Ordovician	6	12,263	12,262	0	47,083
Girard	Bakken	1	522	411	0	0
Girard	Red River	1	3,804	3,858	3,240	2,928
Glendive	Red River	6	11,542	11,642	3,000	140,370
Glendive	Silurian-Ordovician	6	12,932	12,796	2,847	54,692
Glendive	Stoney Mountain	2	2,948	2,844	1,200	16,685
Golden Dome	Frontier	5	190	413	0	0
Golden Dome	Greybull	1	30	0	6,694	0
Goose Lake	Ratcliffe	6	7,929	8,267	1,139	114,087
Goose Lake	Red River	1	6,561	6,643	2,290	4,701
Goose Lake (North Goose Lake Unit)	Ratcliffe	8	7,426	7,402	0	148,242
Goose Lake Red River	Mission Canyon	1	0	0	0	4,527

OIL PRODUCERS REPORT
THIRD QUARTER 1997

Field	Formation	Number of Wells	Oil Produced (Bbls)	Oil Shipped (Bbls)	Assoc. Gas Produced (MCF)	Water Produced (Bbls)
Goose Lake Red River	Red River	1	90	212	0	0
Goose Lake, West	Red River	1	2,734	2,763	1,324	5,092
Gossett	Ratcliffe	1	985	879	0	6,396
Graben Coulee	Cut Bank	54	6,103	4,983	0	38,435
Graben Coulee	Sunburst	8	644	375	0	1,633
Grandview, East	Swift	2	546	517	0	0
Gray Blanket	Tensleep	1	3,005	2,855	0	3,000
Green Coulee	Red River	1	516	452	150	4,725
Gumbo Ridge Unit	Tyler	3	1,356	1,441	0	43,382
Gunsight	Madison	1	1,655	1,309	0	1,653
Gunsight	Mission Canyon	1	1,783	1,796	2,520	15,142
Gunsight	Ratcliffe	1	1,081	1,111	0	4,347
Gypsy Basin	Madison	5	294	239	0	1,852
Hawk Haven	Mission Canyon	1	884	746	161	2,986
Hay Creek	Interlake	1	29	38	0	648
Hay Creek	Madison	1	698	926	0	2,626
Hay Creek	Mission Canyon	1	1,305	1,379	1,044	8,014
Hay Creek	Red River	2	6,558	6,790	3,680	19,614
Hiawatha	Tyler	1	1,574	1,373	126	15,480
Hiawatha	Tyler, Stensvad	1	1,591	1,508	0	0
High Five	Tyler	5	9,684	9,940	1,454	112,545
High Five Unit	Stensvad	3	4,112	4,310	1,602	160,238
Highview	Devonian	1	51	44	0	1,265
Highview	Madison	6	604	504	0	28,708
Highview	Sawtooth	1	46	40	0	1,155
Howard Coulee	Tyler	1	1,550	1,681	0	0
Injun Creek	Stensvad	2	745	598	0	408
Intake II	Mission Canyon	2	3,789	3,621	1,887	5,599
Ivanhoe	Amsden	1	218	207	0	8,130
Ivanhoe	Cat Creek 2	1	1,087	878	0	5,036
Ivanhoe	Morrison	1	1,892	1,841	0	8,599
Ivanhoe	Tyler	2	3,021	2,917	0	33,764
Jim Coulee Unit	Tyler	5	4,860	5,009	391	218,115
Katy Lake	Red River	1	1,472	1,532	2,577	7,427
Katy Lake, North	Madison	3	8,210	8,173	4,047	41,674
Katy Lake, North	Mission Canyon	1	4,393	4,249	2,003	49,523
Katy Lake, North	Nesson	1	996	1,169	92	14,260
Katy Lake, North	Red River	5	26,788	28,051	15,526	49,313
Keg Coulee	Lower Tyler	1	511	495	0	774
Keg Coulee	Stensvad	1	671	885	0	0
Keg Coulee	Tyler	1	245	237	0	375
Keg Coulee (Northwest Unit)	Tyler	1	1,217	1,294	0	6,080
Keg Coulee (Tyler "A" Sand Unit)	Tyler	3	473	427	0	7,095
Keg Coulee (Tyler "C" Sand Unit)	Lower Tyler	1	528	477	0	2,250
Keg Coulee, North	Tyler	1	571	717	0	6,400
Kelley Unit	Tyler	1	527	668	0	14,535
Kevin Sunburst	Ellis	33	1,826	2,048	0	0
Kevin Sunburst	Madison	521	45,449	47,358	376	65,337
Kevin Sunburst	Nisku	1	155	157	0	0
Kevin Sunburst	Sunburst	51	7,565	7,155	4,017	9,677
Kevin Sunburst	Swift	5	498	756	3,072	0
Kevin Sunburst (Ferdig Unit)	Swift	22	1,797	1,797	0	0
Kevin Sunburst (Homestake Sand Unit)	Sunburst	36	8,065	8,343	0	50,186
Kevin, East Nisku Oil	Nisku	14	12,153	10,927	3,292	0
Kincheloe Ranch, West (K R Unit)	Tyler	2	1,138	1,032	316	0
Kincheloe Ranch, West (Kincheloe Ranch Unit)	Tyler	3	2,611	2,688	725	71,836
Laird Creek (Laird Creek Unit)	Swift	6	1,021	761	0	0
Lambert	Interlake	1	0	0	145	0
Lambert	Red River	2	15,580	15,722	8,736	1,048
Lambert, South	Red River	1	10,723	11,162	0	0
Landslide Butte	Madison	11	10,479	11,157	25,804	33,254
Landslide Butte	Sun River	1	210	0	0	0
Leary	Muddy	2	1,008	981	3,725	27,200
Little Beaver	Silurian-Ordovician	1	1,800	1,841	259	5,580
Little Beaver (Cedar Creek ACU 8BA)	Red River	1	758	753	44	5,580
Little Beaver (Cedar Creek ACU 8BA)	Silurian-Ordovician	27	53,426	53,425	4,865	382,641
Little Beaver, East	Mission Canyon	1	1,335	1,335	220	42,228
Little Beaver, East	Red River	2	7,963	7,781	3,417	16,058
Little Beaver, East (Cedar Crk Ut 8A)	Silurian-Ordovician	4	6,121	6,121	501	59,553

OIL PRODUCERS REPORT
THIRD QUARTER 1997

Field	Formation	Number of Wells	Oil Produced (Bbls)	Oil Shipped (Bbls)	Assoc. Gas Produced (MCF)	Water Produced (Bbls)
Little Beaver, East (Cedar Crk Ut 8BB)	Silurian-Ordovician	6	11,812	11,812	1,037	56,539
Little Phantom	Sunburst	1	252	0	0	175
Little Wall Creek	Tyler	3	2,680	2,879	1,810	93,896
Little Wall Creek	Tyler, Stensvad	1	1,654	1,700	546	0
Little Wall Creek (Weisner Tyler Sand Unit)	Tyler, Stensvad	1	781	815	86	17,640
Little Wall Creek, South	Tyler	3	14,784	14,600	1,259	26,706
Little Wall Creek, South (Gunderson Tyler Sand Unit)	Tyler	1	1,371	1,347	0	38,505
Little Wall Creek, South (Hamilton-Gunderson Unit)	Tyler	1	680	680	0	0
Little Wall Creek, South (South Little Wall Creek Unit)	Tyler	3	2,725	2,699	381	222,635
Lodge Grass	Tensleep	2	1,638	1,766	0	105
Lone Butte	Madison	1	975	955	0	2,835
Lone Butte	Mission Canyon	1	760	888	1,479	402
Lone Butte	Red River	2	1,463	1,596	2,952	3,099
Lonetree Creek	Interlake	2	17,055	16,863	7,408	25,102
Lonetree Creek	Mission Canyon	1	1,300	1,575	0	152
Lonetree Creek	Red River	4	15,843	15,409	16,950	5,756
Lonetree Creek	Red River, Interlake	1	7,155	7,014	7,652	477
Long Creek	Charles C	1	483	696	0	597
Long Creek, West	Nisku	2	4,677	4,405	182	51,312
Lookout Butte	Madison	1	620	620	77	1,392
Lookout Butte	Silurian-Ordovician	3	3,401	3,401	661	120,060
Lookout Butte (Coral Creek Unit)	Red River	8	29,266	29,263	6,933	25,377
Lookout Butte (Coral Creek Unit)	Silurian-Ordovician	29	86,307	86,298	16,063	354,927
Lookout Butte, East	Lodgepole	1	408	414	106	854
Lookout Butte, East (Waterflood Unit)	Red River	48	137,639	139,931	97,951	134,558
Lowell	Red River	2	1,737	2,032	0	7,257
Lustre	Charles	8	8,402	8,965	4,261	34,976
Lustre	Charles C	15	15,610	15,484	2,966	37,494
Lustre	Mission Canyon	4	4,463	4,948	903	41,834
Lustre	Ratcliffe	6	5,375	5,348	3,577	26,414
Lustre, North	Charles	1	647	685	736	6,990
Mackay Dome	Greybull	1	1,770	826	0	305
Mason Lake	Cat Creek 1	2	53	0	0	400
Mason Lake (Cat Creek Water Flood)	Amsden	1	0	0	0	10,453
Mason Lake (Cat Creek Water Flood)	Cat Creek 1	3	1,275	1,326	0	18,796
McCabe	Ratcliffe	1	1,348	1,511	1,190	2,455
McCoy Creek	Red River	1	647	607	258	2,969
Meander	Sunburst	2	208	208	0	0
Medicine Lake	Duperow	1	1,315	1,399	1,105	4,235
Medicine Lake	Gunton	2	3,598	3,761	2,855	18,964
Medicine Lake	Mission Canyon	1	1,342	1,428	1,121	1,498
Medicine Lake	Red River	3	8,143	8,472	7,213	25,679
Medicine Lake	Winnipegosis	1	2,393	2,415	1,700	66,313
Melstone	Tyler	2	2,302	2,423	0	37,212
Melstone (North Melstone Unit)	Tyler	4	6,760	6,817	3,581	132,836
Midfork	Charles C	6	10,673	10,828	3,020	7,134
Midfork	Nisku	1	1,332	1,382	1,104	3,490
Miners Coulee	Sunburst	1	106	150	0	117
Missouri Breaks	Nisku	1	3,465	3,616	578	21,509
Mon Dak, West	Duperow	1	3,032	3,031	3,797	499
Mon Dak, West	Interlake	1	2,589	2,671	2,933	4,591
Mon Dak, West	Madison	8	9,485	9,558	7,578	24,888
Mon Dak, West	Madison, Ordovician	1	14,782	14,777	11,035	10,803
Mon Dak, West	Mission Canyon	6	8,227	7,901	12,622	21,676
Mon Dak, West	Ratcliffe	3	1,269	1,259	876	4,295
Mon Dak, West	Red River	3	10,372	9,889	5,741	17,176
Mon Dak, West	Red River, Stoney Mountain	1	11,151	11,015	8,931	8,127
Mon Dak, West	Stoney Mountain	1	3,719	3,513	4,728	686
Mona	Red River	1	585	523	5,365	0
Monarch	Interlake	4	3,686	4,121	282	12,426
Monarch	Red River	3	5,194	5,340	408	2,606
Monarch	Silurian-Ordovician	9	39,349	46,497	10,124	36,930
Monarch (Monarch Water Flood Unit)	Silurian-Ordovician	5	6,816	6,900	427	19,642
Mosser Dome	Mosser Sand	23	1,493	1,495	0	0
Musselshell	Tyler	1	31	0	0	0
Mustang	Bakken	2	4,384	4,558	3,135	435
Mustang	Madison	1	2,315	2,230	0	1,976
Mustang	Red River	2	7,320	6,866	8,677	3,012
Neiser Creek	Red River	2	13,949	14,015	23,725	39,000

OIL PRODUCERS REPORT
THIRD QUARTER 1997

Field	Formation	Number of Wells	Oil Produced (Bbls)	Oil Shipped (Bbls)	Assoc. Gas Produced (MCF)	Water Produced (Bbls)
Nielsen Coulee	Madison	2	3,502	3,433	1,674	23,355
Ninemile	Nisku	2	1,050	1,050	930	0
Nohly	Madison	4	18,616	18,654	15,322	9,668
Nohly	Mission Canyon	2	7,238	7,278	6,612	7,163
Nohly	Nisku	3	15,256	14,985	10,531	13,734
Nohly	Ratcliffe	5	9,897	9,662	14,305	11,448
Nohly	Red River	3	21,853	21,781	18,677	14,424
North Fork	Mission Canyon	3	3,864	3,378	2,070	12,882
Ollie	Red River	1	1,290	1,260	512	5,877
Otis Creek	Ratcliffe	1	1,759	1,797	895	1,600
Otis Creek, South	Ratcliffe	1	1,089	1,062	421	1,232
Outlook	Bakken	2	4,654	4,727	4,770	9,160
Outlook	Nisku	2	6,440	6,540	5,940	6,093
Outlook, Southwest (Red River)	Winnipegosis	1	2,032	2,069	0	17,988
Outlook, West	Winnipegosis	1	3,201	3,148	0	7,214
Oxbow	Red River	1	3,298	3,359	4,640	2,084
Oxbow II	Nisku	1	17,217	17,044	13,625	14,482
Oxbow II	Red River	1	1,058	903	0	3,223
Palomino	Nisku	5	24,473	24,577	811	292,660
Pennel	Red River	1	934	899	1,215	499
Pennel Waterflood Unit	Red River	28	110,069	110,040	25,751	232,487
Pennel Waterflood Unit	Silurian-Ordovician	130	367,586	367,551	102,832	1,402,208
Pennel Waterflood Unit	Stoney Mountain	1	2,239	2,208	382	4,784
Pine	Mission Canyon	1	1,162	1,077	194	9,735
Pine	Silurian-Ordovician	1	2,463	2,268	1,505	347
Pine ("A" & "E" Units)	Silurian-Ordovician	75	178,310	183,510	37,644	1,553,094
Pine ("C" Unit)	Silurian-Ordovician	6	22,992	22,992	4,959	126,023
Pondera	Madison	264	47,546	48,149	0	943,258
Pondera	Sun River	13	1,681	1,681	0	0
Pondera Coulee	Madison	3	772	826	0	0
Pondera Coulee	Sun River	3	203	203	0	0
Poplar, East	Charles	3	805	708	0	54,259
Poplar, East	Charles C	1	630	493	0	16,889
Poplar, East	Heath	1	1,916	2,023	0	43,318
Poplar, East	Nisku	1	1,875	1,786	0	110,459
Poplar, East (East Poplar Unit)	Madison	38	24,841	24,957	0	1,108,961
Poplar, Northwest	Charles	3	2,420	2,494	0	26,101
Poplar, Northwest	Charles B	1	547	518	0	22,891
Poplar, Northwest	Charles C	16	18,116	18,455	3,976	175,559
Poplar, Northwest	Madison	1	203	211	0	11,593
Pronghorn	Red River	1	1,297	1,289	147	4,629
Putnam	Bakken	3	2,584	2,340	2,709	1,042
Putnam	Interlake	1	1,321	1,784	360	4,101
Putnam	Madison	1	718	844	331	749
Putnam	Mission Canyon	6	5,661	6,023	4,397	5,281
Putnam	Ratcliffe	1	966	1,321	0	793
Putnam	Red River	1	2,171	2,105	2,755	5,151
Putnam	Red River, Interlake	1	3,006	3,262	695	13,609
Rabbit Hills	Sawtooth	4	4,540	4,480	0	5,819
Rabbit Hills, Northeast	Sawtooth	5	8,739	8,763	0	3,836
Rabbit Hills, Northeast (Enhanced Recovery)	Sawtooth	5	17,717	17,439	0	25,986
Rabbit Hills, Southwest	Sawtooth	2	2,519	2,457	0	12,853
Ragged Point	Tyler	1	152	177	0	0
Ragged Point (Tyler "A" Sand Unit)	Tyler	1	898	916	0	8,325
Ragged Point,Southwest (Southwest Unit)	Tyler	10	5,152	4,983	0	228,113
Rattler Butte	Tyler	6	31,789	31,836	0	8,191
Rattlesnake Butte	Amsden	2	1,244	1,098	0	118,778
Rattlesnake Butte	Cat Creek 1	1	1,458	1,446	1,600	2,300
Rattlesnake Butte	Cat Creek 2	1	713	709	0	24,924
Raymond	Duperow	1	898	899	15,609	13,669
Raymond	Red River	1	6,666	6,677	3,933	37,315
Raymond	Winnipegosis	1	11,573	11,591	1,263	105,350
Raymond (Raymond Nisku Unit)	Nisku	3	3,152	3,141	35,583	13,002
Reagan	Madison	1	236	205	6	473
Reagan (Tribal Unit #194)	Madison	23	14,446	14,437	11,788	58,760
Reagan (Tribal Unit #355)	Madison	28	10,487	10,476	9,326	70,461
Red Bank	Madison	2	3,007	3,265	620	4,836
Red Bank	Mission Canyon	4	6,577	6,734	2,430	5,607
Red Bank	Ratcliffe	1	770	854	300	598

OIL PRODUCERS REPORT
THIRD QUARTER 1997

Field	Formation	Number of Wells	Oil Produced (Bbls)	Oil Shipped (Bbls)	Assoc. Gas Produced (MCF)	Water Produced (Bbls)
Red Bank	Red River	1	146	220	0	929
Red Bank, South	Red River	1	1,611	1,829	1,446	10,387
Red Creek	Sunburst	1	347	378	0	0
Red Creek Unit	Cut Bank	5	4,853	4,821	1,700	257,276
Red Creek Unit	Cut Bank, Madison	8	3,724	3,700	1,305	221,678
Red Creek Unit	Madison	8	12,590	12,510	4,399	505,720
Red Water	Bakken	1	936	1,081	0	0
Red Water, East	Red River	1	1,612	1,611	1,185	10,159
Refuge	Red River	1	1,760	1,722	1,458	8,755
Reserve	Red River	3	17,937	18,866	11,584	46,894
Reserve II	Interlake	1	463	256	198	0
Reserve, South	Ratcliffe	1	594	1,356	656	28,686
Ridgelawn	Madison	3	895	793	0	2,347
Ridgelawn	Mission Canyon	7	8,789	9,065	3,284	18,141
Ridgelawn	Ratcliffe	3	3,153	3,128	2,767	7,643
Ridgelawn	Red River	3	10,453	10,033	11,758	17,225
Ridgelawn (Duperow Unit)	Duperow	4	19,004	18,845	0	32,019
Ridgelawn, North	Madison	1	3,954	4,387	2,236	10,890
RipRap Coulee	Ratcliffe	4	5,553	5,450	6,951	9,040
Rocky Point	Red River	1	1,969	2,433	1,178	1,280
Rosebud Unit	Tyler	3	1,860	1,700	0	29,140
Royals	Dawson Bay	1	1,702	1,586	979	2,846
Rudyard	Sawtooth	1	320	0	0	70
Rush Mountain	Gunton	1	12,257	12,187	5,511	4,895
Salt Lake	Gunton	1	2,459	2,405	0	734
Salt Lake	Nisku	2	1,095	920	0	6,746
Salt Lake	Red River	2	6,580	6,315	468	9,669
Salt Lake, West	Ratcliffe	1	4,783	4,995	0	103,485
Sand Creek	Charles	2	2,636	2,440	0	1,963
Second Creek	Duperow	1	9,424	9,276	2,016	3,429
Second Creek	Mission Canyon	1	233	127	221	690
Second Creek	Ratcliffe	1	1,013	1,064	1,152	2,486
Second Creek	Red River	2	162	122	282	1,041
Second Guess	Madison	2	397	624	0	0
Shotgun Creek	Ratcliffe	5	17,037	17,115	3,430	56,487
Sidney	Madison	3	2,008	1,727	1,665	7,086
Sidney	Mission Canyon	1	795	692	935	1,004
Sidney	Ratcliffe	4	3,816	3,950	1,410	10,361
Sidney	Red River	2	2,673	2,829	3,451	14,980
Sidney, East	Ratcliffe	1	191	191	0	1,417
Sioux Pass	Red River	7	26,828	27,115	20,438	5,386
Sioux Pass	Red River, Interlake	2	11,446	11,277	3,666	9,037
Sioux Pass, Middle	Red River	4	9,535	9,640	8,237	7,743
Sioux Pass, North	Madison	2	2,832	2,889	1,662	3,776
Sioux Pass, North	Ratcliffe	1	2,289	2,378	728	2,320
Sioux Pass, North	Red River	8	21,142	20,779	18,755	11,682
Sioux Pass, North	Red River, Nisku	0	0	79	0	0
Sioux Pass, South	Red River	2	677	820	180	967
Snoose Coulee	Bow Island	1	140	0	0	110
Snyder	Tensleep	2	104	0	0	1,835
Soap Creek	Amsden	1	273	107	0	102,102
Soap Creek	Madison	16	6,962	7,046	0	367,370
Soap Creek	Madison, Amsden	5	999	959	0	98,986
Soap Creek	Tensleep	8	609	501	0	1,821
Soap Creek, East	Tensleep	3	1,649	1,757	0	29,286
South Fork	Mission Canyon	1	1,254	1,268	773	1,269
South Fork	Red River	2	2,803	3,174	3,682	9,516
Spring Lake	Bakken	4	9,131	8,828	1,820	195
Spring Lake	Dawson Bay	1	6,101	6,129	2,466	5,132
Spring Lake, West	Bakken	1	858	1,169	1,225	8
Stampede	Bakken	1	54	0	208	847
Stampede	Red River	1	2,692	2,765	4,907	5,454
Stensvad Unit	Tyler	5	4,642	4,403	0	65,321
Studhorse	Tyler	3	773	491	0	4,821
Sumatra	Amsden	2	672	599	0	65
Sumatra	Heath	1	11	0	0	0
Sumatra	Lower Tyler	2	999	931	0	4,103
Sumatra	Tyler	5	2,621	2,532	0	45,558
Sumatra (Central Sumatra Sand Unit)	Tyler	6	14,510	14,495	0	889,915

OIL PRODUCERS REPORT
THIRD QUARTER 1997

Field	Formation	Number of Wells	Oil Produced (Bbls)	Oil Shipped (Bbls)	Assoc. Gas Produced (MCF)	Water Produced (Bbls)
Sumatra (Grebe-Tyler Sand Unit)	Tyler	3	899	946	0	15,930
Sumatra (Kincheloe Waterflood Unit)	Tyler	9	5,535	5,819	0	346,939
Sumatra (Northeast Sumatra Unit)	Tyler	5	1,980	2,044	0	29,810
Sumatra (Sawyer Waterflood Unit)	Lower Tyler	1	116	241	0	4
Sumatra (Southeast Sumatra Unit)	Lower Tyler	5	2,911	2,947	0	75,915
Sumatra (Southeast Sumatra Unit)	Madison	1	0	0	0	49,425
Sumatra (Southeast Sumatra Unit)	Tyler	6	4,414	4,468	0	145,853
Sumatra (West Sumatra Unit)	Tyler	3	7,188	7,188	0	439,789
Sundown	Red River	1	4,667	4,527	0	17,921
Sunny Hill	Ratcliffe	1	1,040	927	0	3,402
Sunny Hill, West	Ratcliffe	1	1,665	1,612	2,173	6,541
Target	Nisku	2	5,371	5,494	2,894	12,945
Target	Ratcliffe	3	2,878	3,253	0	5,868
Three Buttes	Bakken	3	3,614	4,027	2,964	847
Three Buttes	Red River	1	3,544	3,785	4,967	829
Tinder Box	Tyler	1	508	475	0	0
Tule Creek	Devonian	1	2,752	3,028	2,187	124,800
Tule Creek	Nisku	2	7,001	7,132	817	141,743
Tule Creek, East	Nisku	1	756	722	494	151,519
Tule Creek, South	Nisku	1	1,961	1,824	0	19,116
Two Waters	Bakken	2	728	1,099	0	0
Utopia ("Utopia Swift Sand" Unit)	Swift	18	4,601	4,711	3,151	2,858
Vaux	Bakken	1	2,145	2,280	2,517	76
Vaux	Interlake	1	2,777	2,819	1,110	6,312
Vaux	Madison	7	8,588	8,825	5,592	12,437
Vaux	Mission Canyon	9	13,797	14,182	13,480	35,570
Vaux	Red River	2	4,883	5,196	5,756	14,187
Vaux	Stonewall	1	3,416	3,714	2,894	14,100
Volt	Madison	1	628	629	0	3,864
Volt	Nisku	4	17,154	17,194	0	198,182
Wakea	Nisku	2	2,906	2,773	1,055	9,924
Wakea	Nisku, Duperow	1	7,497	7,496	1,417	20,530
Wakea	Red River	2	6,986	7,032	5,259	28,104
Wakea	Winnipegosis	1	19,275	19,273	3,376	14,851
Waterhole Creek	Red River	1	19,862	19,385	0	12,530
Weed Creek	Amsden	1	389	234	190	27,600
West Butte	Sunburst	2	1,224	1,380	0	0
Weygand	Sawtooth	3	2,398	2,130	0	0
Whitlash	Bow Island	4	170	174	0	0
Whitlash	Swift	16	1,956	1,675	3,612	19
Whitlash	Swift, Sunburst	15	4,648	4,639	4,240	429
Willow Creek, North	Tyler	2	1,316	1,229	0	3,905
Willow Ridge	Burwash	4	771	771	0	0
Wills Creek, South	Silurian-Ordovician	3	34,539	41,196	7,610	34,352
Winnett Junction Unit	Tyler	3	4,400	4,516	0	105,730
Wolf Springs	Amsden	4	3,820	3,587	0	329,132
Wolf Springs, South (S Wolf Springs)	Amsden	1	1,878	1,901	0	2,714
Woodrow	Charles	1	1,556	1,502	540	1,095
Woodrow	Charles, Interlake	1	1,470	1,419	540	1,037
Wrangler	Red River	2	5,481	5,720	4,560	13,350
Wrangler, North	Red River	1	799	706	0	5,324
Wright Creek	Muddy	5	1,208	840	2,728	9,672
Wildcat, Blaine County	Sawtooth	1	4,983	5,016	0	19
Wildcat, Fallon County	Red River	1	1,272	440	0	4,575
Wildcat, Richland County	Bakken	1	7,209	7,861	3,600	564
Wildcat, Richland County	Red River	3	11,621	10,853	8,029	4,089
Wildcat, Sheridan County	Red River	2	14,835	14,464	8,412	351
TOTALS		**3,411**	**4,072,994**	**4,098,549**	**1,789,620**	**25,491,240**

NATURAL GAS PRODUCED
THIRD QUARTER 1997

Field	No. of Wells	MCF
Amanda	15	42,774
Antelope Coulee	1	1,141
Arch Apex	37	54,154
Ashfield	100	349,467
Badlands	5	39,210
Battle Creek	56	361,166
Bears Den	3	1,705
Bell Creek, Southeast	2	56,771
Big Rock Gas Field	36	64,835
Bills Coulee	2	2,477
Black Butte	1	21,595
Black Coulee	3	32,934
Blackfoot	8	18,264
Blackjack	12	12,841
Bowdoin & Area	374	1,196,627
Bowes	43	73,430
Bradley	2	973
Bullwacker	44	190,313
Camp Creek	1	4,678
Cedar Creek	122	727,332
Clark's Fork	1	7,851
Coal Mine Coulee	5	4,285
Cut Bank	223	589,185
Devon	24	22,157
Devon, East	2	1,057
Dry Creek	18	103,850
Dry Creek (Shallow Gas)	1	4,100
Dry Creek, Middle	2	4,494
Dry Creek, West	1	5,357
Dry Fork	6	5,011
Dunkirk	13	20,194
Dunkirk, North	28	44,388
Dutch John Coulee	4	20,698
Eagle Springs	5	1,873
Ethridge	10	20,541
Ethridge, North	6	7,387
Fitzpatrick Lake	9	29,164
Flat Coulee	5	5,993
Fort Conrad	16	7,548
Fred & George Creek	2	3,645
Fresno & Area	3	8,201
Galata	6	19,214
Golden Dome	8	18,819
Grandview	4	10,830
Gypsy Basin	2	1,111
Havre	1	4,552
Haystack Butte	2	6,415
Haystack Butte, West	7	9,279
Keith Area	3	1,806
Keith, East	24	83,336
Kevin Area	1	99
Kevin Southwest	27	56,278
Kevin Sunburst	97	125,531
Kevin Sunburst (Dakota)	1	2,553
Kevin Sunburst-Bow Island	7	10,781
Kevin Sunburst, Nisku & Area	1	208
Kevin, East Bow Island Gas	6	6,093
Kevin, East Gas	8	9,470
Kevin, East Nisku Oil	1	6,833
Kicking Horse	16	16,471
Lake Basin	2	4,882
Ledger	42	20,941
Leroy	10	6,269
Little Creek	3	4,456
Little Rock	13	19,694
Lohman	2	14,061
Loring	187	485,980
Loring, East	84	251,674
Loring, West	3	6,271
Marias River	5	1,153
Middle Butte	5	13,230
Miners Coulee	13	11,815
Mt. Lilly	2	1,684
O'Briens Coulee	11	35,380
Old Shelby	95	220,935
Phantom	2	467
Phantom, West	2	5,960
Police Coulee	8	8,237
Prairie Dell	102	127,895
Prairie Dell, West	4	6,097
Red Rock	2	10,173
Rocky Boy Area	6	41,853
Sage Creek	16	24,385
Sawtooth Mountain & Area	30	130,344
Shelby Area	1	3,139
Shelby, East	7	9,120
Sherard	8	20,528
Sherard, Area	35	400,695
Sixshooter Dome	6	35,149
Snoose Coulee	8	7,225
Snow Coulee	1	646
Spring Coulee	1	2,163
Strawberry Creek Area	2	9,133
Swanson Creek	76	92,574
Three Mile	2	11,362
Tiber Area	2	3,612
Tiber, East	9	18,941
Tiger Ridge	327	3,353,756
Timber Creek, West	1	1,041
Trail Creek	8	18,036
Utopia	6	42,777
Vandalia	7	7,269
West Butte	3	4,866
West Butte Shallow Gas	2	1,170
Whitewater	235	646,516
Whitewater, East	39	120,241
Whitlash	36	98,281
Whitlash, West	6	4,199
Williams	15	1,546
Willow Ridge	13	51,356
Willow Ridge, South	2	30,200
Willow Ridge, West	2	988
Wildcat, Hill County	1	23,403
Wildcat, Liberty County	1	216
Wildcat, Stillwater County	1	226
TOTALS	**2,985**	**11,033,555**

OIL IN STORAGE

	Producers Field Tanks	Transporters Storage	Refiners Storage	Total Storage
December 1996	343,977	2,799,549	765,343	3,908,869
January 1997	331,269	2,605,306	587,186	3,523,761
June 1997	297,710	2,072,858	719,636	3,090,204
July 1997	286,274	1,992,465	673,759	2,952,498
August 1997	298,742	1,776,162	471,749	2,546,653
September 1997	284,517	1,916,293	604,805	2,805,615

REFINERS REPORT
THIRD QUARTER 1997

Company	Beginning Storage	Montana Oil	Wyoming Oil	Canada Oil	Refined	Ending Storage
Cenex	292,262	401,503	87,345	3,694,645	4,270,454	205,301
Continental Oil Company	132,758	125,189	220,618	4,807,140	5,117,109	168,596
Exxon Company	279,164	167,652	3,025,788	1,528,772	4,786,498	214,878
Montana Refining Co.	15,452	68,448	-0-	578,543	646,413	16,030
TOTALS	**719,636**	**762,792**	**3,333,751**	**10,609,100**	**14,820,474**	**604,805**

DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION
OIL & GAS CONSERVATION DIVISION

— STATE OF MONTANA —

BOARD OF OIL & GAS CONSERVATION
1625 ELEVENTH AVENUE
HELENA, MONTANA 59620-1601